

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1676	IGMP or (internet adj group adj management adj protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/08 14:02
L2	1216	1 and IP and multicast\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/08 14:02
L3	641	2 and subscrib\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/08 14:02
L4	216	3 and authenticat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/08 14:03
L5	1	"5778187".pn.	USPAT	OR	OFF	2007/08/08 14:06
L6	1	5 and router\$	USPAT	OR	OFF	2007/08/08 14:09
L7	1	5 and authenticat\$	USPAT	OR	OFF	2007/08/08 14:38
L8	0	5 and join\$	USPAT	OR	OFF	2007/08/08 14:38
S1	549	713/201.cor.	USPAT	OR	OFF	2007/08/08 14:06
S2	0	podar near sunil	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/05/17 15:24
S3	0	chandrupatla near sunil	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/05/17 15:25
S4	0	saksena near sandeep	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/05/17 15:25
S5	0	mishra near kali	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/05/17 15:25
S6	6	sthothra near bhasham near sampath	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/05/17 15:34

## EAST Search History

S7	2	authentica\$ WITH multicast WITH channel	USPAT	OR	ON	2004/05/17 15:39
S8	222	IGMP	USPAT	OR	ON	2005/06/14 16:40
S9	142	IGMP same multicast	USPAT	OR	ON	2004/05/17 15:39
S10	0	(IGMP same multicast) same authentica\$	USPAT	OR	ON	2004/05/17 15:39
S11	30	(IGMP same multicast) and authentica\$	USPAT	OR	ON	2004/05/17 15:39
S12	6604	IP near address	USPAT	OR	ON	2004/05/17 15:39
S13	24	((IGMP same multicast) and authentica\$) and (IP near address)	USPAT	OR	ON	2004/05/17 15:41
S14	23	((((IGMP same multicast) and authentica\$) and (IP near address))) and router	USPAT	OR	ON	2004/05/18 10:51
S15	56	AAA near server	USPAT	OR	ON	2004/05/18 10:52
S16	0	(((((IGMP same multicast) and authentica\$) and (IP near address))) and router) and (AAA near server)	USPAT	OR	ON	2004/05/18 10:52
S17	0	((AAA near server) and multicast) and IGMP	USPAT	OR	ON	2004/05/18 10:52
S18	7	(AAA near server) and multicast	USPAT	OR	ON	2004/05/18 11:18
S19	8	(AAA near server) same advantag\$	USPAT	OR	ON	2004/05/18 10:52
S20	1	"6385647".pn.	USPAT	OR	ON	2004/05/18 13:35
S21	1	"6385647".pn. and authentica\$	USPAT	OR	ON	2004/05/18 11:18
S22	23	((((IGMP same multicast) and authentica\$) and (IP near address))) and router	USPAT	OR	ON	2004/05/18 11:56
S23	24	(AAA near server) same RADIUS	USPAT	OR	ON	2007/02/16 12:05
S24	290	multicast.ti.	USPAT	OR	ON	2004/05/18 11:56
S25	6	multicast.ti. and IGMP and authentica\$ and (IP near address) and router	USPAT	OR	ON	2004/05/18 13:35
S26	0	"6351467".pn. and IGMP and authentica\$ and (IP near address) and router	USPAT	OR	ON	2004/05/18 13:35
S27	0	"6351467".pn. and IGMP and authentica\$ and (IP near address)	USPAT	OR	ON	2004/05/18 13:35
S28	0	"6351467".pn. and IGMP	USPAT	OR	ON	2004/05/18 13:35
S29	0	"6351467".pn. and authentica\$ and (IP near address) and router	USPAT	OR	ON	2004/05/18 13:37
S30	1	"6351467".pn.	USPAT	OR	ON	2004/05/18 15:20

## EAST Search History

S31	0	"6351467".pn. and (IP near address) and router	USPAT	OR	ON	2004/05/18 15:35
S32	1	"6351467".pn. and (IP near address)	USPAT	OR	ON	2004/05/18 14:18
S33	1	"6351467".pn. and authenticat\$	USPAT	OR	ON	2004/05/18 16:24
S34	228	request\$ WITH (IP near address) WITH device	USPAT	OR	ON	2004/05/18 14:18
S35	10	request\$ WITH (IP near address) WITH device WITH authenticat\$	USPAT	OR	ON	2004/05/18 14:44
S36	0	(request\$ WITH (IP near address) WITH device WITH authenticat\$) and mulitcast\$	USPAT	OR	ON	2004/05/18 14:18
S37	33	(IP near address) WITH device WITH authenticat\$	USPAT	OR	ON	2004/05/18 14:57
S38	12	((IP near address) WITH device WITH authenticat\$) same request\$	USPAT	OR	ON	2004/05/18 14:45
S39	32	authenticat\$ near (IP near address)	USPAT	OR	ON	2004/05/18 14:47
S40	403	request\$ near (IP near address)	USPAT	OR	ON	2004/05/18 14:48
S41	1	(authenticat\$ near (IP near address)) same (request\$ near (IP near address))	USPAT	OR	ON	2004/05/18 14:56
S42	355	request\$ with includ\$3 WITH (IP near address)	USPAT	OR	ON	2004/05/18 14:56
S43	1	(authenticat\$ near (IP near address)) same (request\$ with includ\$3 WITH (IP near address))	USPAT	OR	ON	2004/05/18 14:58
S44	1	((authenticat\$ near (IP near address)) same (request\$ with includ\$3 WITH (IP near address))) and (IP near address)	USPAT	OR	ON	2004/05/18 14:57
S45	7	(authenticat\$ near (IP near address)) and (request\$ with includ\$3 WITH (IP near address))	USPAT	OR	ON	2004/05/18 14:58
S46	1	"6466571".pn.	USPAT	OR	ON	2004/05/18 15:20
S47	0	"6466571".pn. and advantag\$	USPAT	OR	ON	2004/05/18 15:28
S48	0	"6466571".pn. and benefit\$	USPAT	OR	ON	2004/05/18 15:34
S49	1	"6466571".pn. and request\$ WITH (ip near address)	USPAT	OR	ON	2004/05/18 15:34
S50	1	"6351467".pn. and public	USPAT	OR	ON	2004/05/18 15:36
S51	1	public near multicast\$ near channel	USPAT	OR	ON	2004/05/18 15:37
S52	3	public near multicast\$	USPAT	OR	ON	2004/05/18 15:52
S53	2	(public near multicast\$ ) and advantag\$	USPAT	OR	ON	2004/05/18 16:00

## EAST Search History

S54	15	determin\$ WITH user WITH log\$ WITH (service near provider)	USPAT	OR	ON	2004/05/18 16:04
S55	1	(determin\$ WITH user WITH log\$ WITH (service near provider)) and multicast\$	USPAT	OR	ON	2004/05/18 16:04
S56	9	(determin\$ WITH log\$ WITH (service near provider)) and multicast\$	USPAT	OR	ON	2004/05/18 16:04
S57	59	determin\$ WITH log\$ WITH (service near provider)	USPAT	OR	ON	2004/05/18 16:15
S58	8	determin\$ WITH logged WITH provider	USPAT	OR	ON	2004/05/18 16:16
S59	0	(determin\$ WITH logged WITH provider) and multicast\$	USPAT	OR	ON	2004/05/18 16:16
S60	1	"6351467".pn. and request\$	USPAT	OR	ON	2004/05/18 16:25
S61	0	"6351467".pn. and request\$ with join\$	USPAT	OR	ON	2004/05/18 16:25
S62	0	"6351467".pn. and request\$ with igmp	USPAT	OR	ON	2004/05/18 16:27
S63	0	"6351467".pn. and request\$ same igmp	USPAT	OR	ON	2004/05/18 16:26
S64	0	"6351467".pn. and request\$ same IGMP	USPAT	OR	ON	2004/05/18 16:26
S65	0	"6351467".pn. and IGMP	USPAT	OR	ON	2004/05/18 16:26
S66	1	"6351467".pn. and request\$ with subscrib\$	USPAT	OR	ON	2004/05/18 16:38
S67	0	"6351467".pn. and router	USPAT	OR	ON	2004/05/18 16:38
S68	1	"6351467".pn. and control\$3	USPAT	OR	ON	2004/05/18 16:43
S69	0	authentikat\$ WITH (access near router) WITH request	USPAT	OR	ON	2004/05/18 16:44
S70	0	(authentikat\$ WITH router WITH request) same advantag\$	USPAT	OR	ON	2004/05/18 16:44
S71	17	authentikat\$ WITH router WITH request	USPAT	OR	ON	2004/05/18 16:44
S72	5	(authentikat\$ WITH router WITH request) and multicast\$	USPAT	OR	ON	2004/05/19 11:05
S73	1	"6219790".pn.	USPAT	OR	ON	2004/05/18 16:51
S74	0	"6219790".pn. and multicast\$	USPAT	OR	ON	2004/05/18 16:51
S75	1	"6718387".pn.	USPAT	OR	ON	2004/05/18 16:51
S76	1	"6718387".pn. and multicast\$	USPAT	OR	ON	2004/05/18 16:51
S77	1	"6026441".pn.	USPAT	OR	ON	2004/05/19 11:28
S78	0	"6026441".pn. and advantag\$	USPAT	OR	ON	2004/05/19 11:06

## EAST Search History

S79	1	"5671225".pn.	USPAT	OR	ON	2004/05/19 11:05
S80	1	"5671225".pn. and advantag\$	USPAT	OR	ON	2004/05/19 11:06
S81	1	"6351467".pn.	USPAT	OR	ON	2004/05/19 11:28
S82	0	"6351467".pn. and (request\$ WITH subscribS\$)	USPAT	OR	ON	2004/05/19 11:28
S83	1	"6351467".pn. and (request\$ WITH subscrib\$)	USPAT	OR	ON	2004/05/19 11:34
S84	1	"6351467".pn. and password	USPAT	OR	ON	2004/05/19 11:34
S85	1	"6351467".pn.	USPAT	OR	ON	2005/01/19 14:52
S86	0	S85 and group	USPAT	OR	ON	2005/01/19 14:58
S87	174	internet near1 group near1 management near1 protocol	USPAT	OR	ON	2005/01/19 14:58
S88	0	S87 WITH advantag\$	USPAT	OR	ON	2005/01/19 14:58
S89	8	S87 same advantag\$	USPAT	OR	ON	2005/01/19 14:58
S90	307	IGMP or (Internet near group near management near protocol)	USPAT	OR	ON	2005/06/14 16:41
S91	202	S90 WITH (multicast\$)	USPAT	OR	ON	2005/06/14 16:41
S92	27	S91 same channel	USPAT	OR	ON	2005/06/14 16:41
S93	2	S92 same subscription	USPAT	OR	ON	2005/06/14 16:43
S94	9	S92 and subscription	USPAT	OR	ON	2005/06/14 16:44
S95	2	S94 and authenticat\$	USPAT	OR	ON	2005/06/15 09:47
S96	1	"6,219,790".pn.	USPAT	OR	ON	2005/06/15 09:33
S97	1	"6751221".pn.	USPAT	OR	ON	2005/06/15 09:47
S98	1	S97 and authenticat\$	USPAT	OR	ON	2005/06/15 09:48
S99	1	S97 and video	USPAT	OR	ON	2005/06/15 09:49
S100	0	S97 and join\$	USPAT	OR	ON	2005/06/15 09:49
S101	1	S97 and subscrib\$	USPAT	OR	ON	2005/06/15 09:52
S102	1	S97 and channel	USPAT	OR	ON	2005/06/15 09:54
S103	1	S97 and multicast\$ WITH channel	USPAT	OR	ON	2005/06/15 09:58
S104	1	S97 and public	USPAT	OR	ON	2005/06/15 09:58
S105	333	IGMP or (internet near group near management near protocol)	USPAT	OR	ON	2005/09/28 09:45
S106	112	S105 WITH (request\$ or join\$)	USPAT	OR	ON	2005/09/28 09:35
S107	26	S106 and channel and subscription	USPAT	OR	ON	2005/09/28 09:35

## EAST Search History

S108	13	S107 and authenticat\$	USPAT	OR	ON	2005/09/28 09:36
S109	4	(IGMP or (internet near group near management near protocol)).ab.	USPAT	OR	ON	2005/09/28 09:46
S110	13	S108 and router	USPAT	OR	ON	2005/09/28 10:10
S111	0	S106 and (select\$ WITH premium WITH channel)	USPAT	OR	ON	2005/09/28 09:46
S112	0	S105 and (select\$ WITH premium WITH channel)	USPAT	OR	ON	2005/09/28 09:47
S113	0	S105 and (select\$ WITH premium )	USPAT	OR	ON	2005/09/28 09:47
S114	0	S105 and (choos\$ WITH premium )	USPAT	OR	ON	2005/09/28 10:02
S115	149	(select\$ WITH premium WITH channel)	USPAT	OR	ON	2005/09/28 09:47
S116	3	S115 and multicast\$	USPAT	OR	ON	2005/09/28 09:48
S117	2	S105 and (premium near channel)	USPAT	OR	ON	2005/09/28 10:02
S118	1	"6233618".pn.	USPAT	OR	ON	2005/09/28 10:10
S119	1	S118 and sub	USPAT	OR	ON	2005/09/28 10:13
S120	1	S118 and channel	USPAT	OR	ON	2005/09/28 10:26
S121	1	S118 and video	USPAT	OR	ON	2005/09/28 10:21
S122	1	S118 and public	USPAT	OR	ON	2005/09/28 10:26
S123	1	"6,233,618".pn.	USPAT	OR	ON	2006/03/06 09:32
S124	378	IGMP or (internet adj group adj management adj protocol)	USPAT	OR	ON	2006/08/11 11:25
S125	83	S124 and (multicast\$ WITH channel)	USPAT	OR	ON	2006/03/06 09:34
S126	20	S125 and authenticat\$	USPAT	OR	ON	2006/03/06 09:52
S127	19	S126 and (audio or video)	USPAT	OR	ON	2006/03/06 09:52
S128	4	S124 and movie and authenticat\$	USPAT	OR	ON	2006/03/06 09:39
S129	4	S128 and multicast\$	USPAT	OR	ON	2006/03/06 09:44

## EAST Search History

S13 0	3	(IGMP or (internet adj group adj management adj protocol)).ti.	USPAT	OR	ON	2006/03/06 09:50
S13 1	3	S130 and multicast\$	USPAT	OR	ON	2006/03/06 09:52
S13 2	0	S131 and authenticat\$	USPAT	OR	ON	2006/03/06 09:46
S13 3	2	S131 and verif\$	USPAT	OR	ON	2006/03/06 09:46
S13 4	15	(IGMP or (internet adj group adj management adj protocol)).ti.	US-PGPUB; USPAT; EPO	OR	ON	2006/03/06 09:50
S13 5	313	S124 and multicast\$	USPAT	OR	ON	2006/03/06 09:52
S13 6	89	S135 and authenticat\$	USPAT	OR	ON	2006/03/06 09:52
S13 7	55	S136 and (audio or video)	USPAT	OR	ON	2006/03/06 09:54
S13 8	44	S136 and channel and subscri\$	USPAT	OR	ON	2006/03/06 09:55
S13 9	13	S136 and channel with subscri\$	USPAT	OR	ON	2006/03/06 09:59
S14 0	346	S124 and (multicast\$ or broadcast\$)	USPAT	OR	ON	2006/03/06 10:00
S14 1	6	S140 and (subscri\$ WITH package)	USPAT	OR	ON	2006/03/06 10:39
S14 2	1	"6970461".pn.	USPAT	OR	ON	2006/03/06 10:39
S14 3	1	S142 and (subscri\$ or join\$)	USPAT	OR	ON	2006/03/06 10:48
S14 4	1	S142 and ip	USPAT	OR	ON	2006/03/06 10:40
S14 5	1	S142 and package	USPAT	OR	ON	2006/03/06 10:41
S14 6	0	S142 and public	USPAT	OR	ON	2006/03/06 10:48
S14 7	1272	IGMP or (internet adj group adj management adj protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 11:25
S14 8	428	S147 WITH router	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 11:25

## EAST Search History

S149	100	S147 WITH router WITH request\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 11:26
S150	55	S149 and subscr\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 11:27
S151	37	S150 and (movie or video or audio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 11:32
S152	9	S151 and authenticat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 12:06
S153	57	S149 and (movie or video or audio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 12:08
S154	13	S153 and authenticat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 11:32
S155	21	S149 and authenticat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 12:07
S156	13	S155 and (movie or video or audio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/11 12:08
S157	1457	IGMP or (internet adj group adj management adj protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:05
S158	482	S157 WITH router	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:05
S159	454	(AAA near server) same RADIUS	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:05
S160	3	S158 and S159	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/16 12:05